CALIFORNIA LABORATORY SERVICES

3249 Fitzgerald Road Rancho Cordova, CA 95742

November 21, 2008

CLS Work Order #: CRK0319
COC #: 94810,13

Jeff Huggins
CRWQCB - Sacramento
11020 Sun Center Drive, Ste. 200
Rancho Cordova, CA 95670-6114

Project Name: Walker Mine

Enclosed are the results of analyses for samples received by the laboratory on 11-10-08 09:40. Samples were analyzed pursuant to client request utilizing EPA or other ELAP approved methodologies. I certify that the results are in compliance both technically and for completeness.

Analytical results are attached to this letter. Please call if we can provide additional assistance.

Sincerely,

James Liang, Ph.D.
Laboratory Director

CA DOHS ELAP Accreditation/Registration number 1233

Sample for Fall 2008 Sampling

CLS - Labs

CHAIN OF CUSTODY — CLS ID No.: CRK 0319 — LOG NO. 94810

REPORT TO:

NAME AND ADDRESS: Leticia Valadez
Central Valley Regional Water Board
Rancho Cordova, CA 95670
PROJECT MANAGER: Jeff Huggins PHONE#: 464-4639
PROJECT NAME: Walker Mine
SAMPLED BY: Jeff Huggins
JOB DESCRIPTION: Water Quality Monitoring
SITE LOCATION: Plumas County

CLIENT JOB NUMBER

DESTINATION LABORATORY

☐ CLS (916) 638-7301
3249 FITZGERALD RD.
RANCHO CORDOVA, CA.
95742

☐ OTHER

PRESERVATIVES

ANALYSIS REQUESTED

GEOTRACKER:
EDF REPORT ☐ YES ☐ NO
GLOBAL ID:

COMPOSITE:

FIELD CONDITIONS:

DATE	TIME	SAMPLE IDENTIFICATION	MATRIX	CONTAINER NO.	CONTAINER TYPE	Bid Group 7 (General Minerals)	Bid Group 7 - Metals (Total)	Bid Group 7 - Metals (dissolved)	Cr6 - 7196A Dissolved	Cr6 - 7196A Total
11-7-08 ~~OCT~~ 2008	0915	WM-1 - Portal	Water	X1	P	X	X	X	X	X
11-7-08		WM-2 - DC/US	3	3		X	X	X		
11-7-08	0840	WM-5 LGC/U/S								
	0853	WM-3 DC-D/S								
	0915	WM-1 - Portal								
	0925	WM-2 DC-U/S								
	1045	WM-19 - Pond								
	1100hrs	WM-4 - 48" Culvert								
	1120	WM-9 Browns Cabin								
	1135	WM-8 LGC below DC								
	1145	WM-7 LGC above DC								
	1150	WM-6 USFS Dam								

Portal Sample only!!

Note: this is one bottle only Labled with Cr6 on cap & bottle

TURN AROUND TIME: 1 DAY | 2 DAY | 5 DAY | 10 DAY

SPECIAL INSTRUCTIONS OR ALT. ID:

Please use the following detection limits (or lower)
Cu - 0.001 - 0.005 ppm
Zn - 0.002 ppm
Fe - 0.050 ppm
Al - 0.020 ppm
As - 0.005 ppm

INVOICE TO:

P.O. #

QUOTE #

SUSPECTED CONSTITUENTS

PRESERVATIVES: (1) HCL (2) HNO_3 (3) = COLD (4) = NaOH (5) = H_2SO_4 (6) = $Na_2S_2O_3$ (7) =

RELINQUISHED BY (SIGN)	PRINT NAME / COMPANY	DATE / TIME	RECEIVED BY (SIGN)	PRINT NAME / COMPANY
Jeff S. Huggins	Jeff S. Huggins/RWQCB	11-7-08/2100HRS		

REC'D AT LAB BY: JonR
DATE / TIME: 11-10-8 9:40
CONDITIONS / COMMENTS: 2°C

SHIPPED BY: ☐ FED X ☐ UPS ☐ OTHER _____ AIR BILL #

CLS - Labs

CHAIN OF CUSTODY

CLS ID No.: CRK0319 LOG NO. 94813

REPORT TO:

NAME AND ADDRESS: Leticia Valadez
Central Valley Regional Water Board
Rancho Cordova, CA 95670

PROJECT MANAGER: Jeff Huggins PHONE#: 916 464-4639

PROJECT NAME: Walker Mine, Plumas County

SAMPLED BY: Jeff Huggins / Rob Hall

JOB DESCRIPTION: Water Quality Monitoring

SITE LOCATION: Plumas County

CLIENT JOB NUMBER:

DESTINATION LABORATORY:

☐ CLS (916) 638-7301
3249 FITZGERALD RD.
RANCHO CORDOVA, CA.
95742

☐ OTHER

PRESERVATIVES

ANALYSIS REQUESTED

- Bid Group 7 (General Minerals)
- Bid Group 7 (Metals (Total))
- Bid Group 7 (Metals) dissolved

GEOTRACKER:
EDF REPORT ☐ YES ☐ NO
GLOBAL ID: _____

COMPOSITE:

FIELD CONDITIONS:

TURN AROUND TIME: 1 DAY | 2 DAY | 5 DAY | 10 DAY

SPECIAL INSTRUCTIONS OR ALT. ID:

DATE	TIME	SAMPLE IDENTIFICATION	MATRIX	CONTAINER NO.	CONTAINER TYPE	SPECIAL INSTRUCTIONS
11-7-08	1205	WM-7b	Water	3	P	Please use the following detection limits (or lower)
	1210	WM-7c	Water			
	1230	WM-7a	Water			Cu - 0.001-0.005 ppm
	1330	WM-11 - Dry: No	Sample	Collected		Zn - 0.002 ppm
	1340	WM-12-MBWC	Water			Fe - 0.050 ppm
	1350	WM-13 - Nye Creek	Water			Al - 0.020 ppm
▼	1400	WM-17 NBWC	Water	▼	▼	As - 0.005 ppm

INVOICE TO:

P.O. #

QUOTE #

SUSPECTED CONSTITUENTS

PRESERVATIVES: (1) HCL (2) HNO_3 (3) = COLD (4) = NaOH (5) = H_2SO_4 (6) = $Na_2S_2O_3$ (7) =

RELINQUISHED BY (SIGN)	PRINT NAME / COMPANY	DATE / TIME	RECEIVED BY (SIGN)	PRINT NAME / COMPANY
Jeff S. Huggins	Jeff S. Huggins/RWQCB	11-7-08/2100HRS		

REC'D AT LAB BY: JonR

DATE / TIME: 11-10-8 9:40

CONDITIONS / COMMENTS: 2°C

SHIPPED BY: ☐ FED X ☐ UPS ☐ OTHER _____ AIR BILL #

LAB

CALIFORNIA LABORATORY SERVICES

11-21-08 08:03

CRWQCB - Sacramento	Project: Walker Mine	
11020 Sun Center Drive, Ste. 200	Project Number: PCA 13180	**CLS Work Order #: CRK0319**
Rancho Cordova CA, 95670-6114	Project Manager: Jeff Huggins	COC #: 94810,13

Conventional Chemistry Parameters by APHA/EPA Methods

Analyte	Result	Reporting Limit	Units	Dilution	Batch	Prepared	Analyzed	Method	Notes
WM-1 Portal (CRK0319-01) Water	**Sampled: 11-07-08 09:15**		**Received: 11-10-08 09:40**						
Total Alkalinity	**64**	5.0	mg/L	1	CR09496	11-11-08	11-11-08	SM2310B	
Bicarbonate as CaCO3	**64**	5.0	"	"	"	"	"	"	
Carbonate as CaCO3	ND	5.0	"	"	"	"	"	"	
Hydroxide as CaCO3	ND	5.0	"	"	"	"	"	"	
Chloride	**0.65**	0.50	"	"	CR09470	11-11-08	11-11-08	EPA 300.0	
Specific Conductance (EC)	**110**	1.0	µmhos/cm	"	CR09457	11-10-08	11-10-08	EPA 120.1	
Hexavalent Chromium	ND	10	µg/L	"	CR09454	11-10-08	11-10-08	EPA 7196A	HT-1
Hexavalent Chromium, Dissolved	ND	10	"	"	"	"	"	"	HT-1
Methylene Blue Active Substances	ND	0.10	mg/L	"	CR09493	11-11-08	11-11-08	SM5540 C	HT-1
Calcium	**11**	1.0	"	"	CR09505	11-11-08	11-12-08	200.7/2340B	
Magnesium	**4.6**	1.0	"	"	"	"	"	"	
Potassium	ND	1.0	"	"	"	"	"	"	
Sodium	**5.3**	1.0	"	"	"	"	"	"	
Hardness as CaCO3	**46**	1.0	"	"	"	"	"	"	
pH	**7.51**	0.01	pH Units	"	CR09453	11-10-08	11-10-08	SM4500-H B	HT-F
Sulfate as SO4	**1.1**	0.50	mg/L	"	CR09470	11-11-08	11-11-08	EPA 300.0	
Total Dissolved Solids	**86**	10	"	"	CR09491	11-11-08	11-13-08	SM2540C	
WM-5 LGC/U/S (CRK0319-02) Water	**Sampled: 11-07-08 08:40**		**Received: 11-10-08 09:40**						
Total Alkalinity	**56**	5.0	mg/L	1	CR09496	11-11-08	11-11-08	SM2310B	
Bicarbonate as CaCO3	**56**	5.0	"	"	"	"	"	"	
Carbonate as CaCO3	ND	5.0	"	"	"	"	"	"	
Hydroxide as CaCO3	ND	5.0	"	"	"	"	"	"	
Chloride	**2.3**	0.50	"	"	CR09470	11-11-08	11-11-08	EPA 300.0	
Specific Conductance (EC)	**120**	1.0	µmhos/cm	"	CR09457	11-10-08	11-10-08	EPA 120.1	
Methylene Blue Active Substances	ND	0.10	mg/L	"	CR09493	11-11-08	11-11-08	SM5540 C	HT-1
Calcium	**11**	1.0	"	"	CR09505	11-11-08	11-12-08	200.7/2340B	
Magnesium	**5.3**	1.0	"	"	"	"	"	"	
Potassium	**1.8**	1.0	"	"	"	"	"	"	
Sodium	**4.2**	1.0	"	"	"	"	"	"	
Hardness as CaCO3	**49**	1.0	"	"	"	"	"	"	
pH	**7.28**	0.01	pH Units	"	CR09453	11-10-08	11-10-08	SM4500-H B	HT-F
Sulfate as SO4	ND	0.50	mg/L	"	CR09470	11-11-08	11-11-08	EPA 300.0	

CALIFORNIA LABORATORY SERVICES

11-21-08 08:03

CRWQCB - Sacramento	Project: Walker Mine	
11020 Sun Center Drive, Ste. 200	Project Number: PCA 13180	**CLS Work Order #: CRK0319**
Rancho Cordova CA, 95670-6114	Project Manager: Jeff Huggins	COC #: 94810,13

Conventional Chemistry Parameters by APHA/EPA Methods

Analyte	Result	Reporting Limit	Units	Dilution	Batch	Prepared	Analyzed	Method	Notes
WM-5 LGC/U/S (CRK0319-02) Water	**Sampled: 11-07-08 08:40**		**Received: 11-10-08 09:40**						
Total Dissolved Solids	**92**	10	mg/L	1	CR09491	11-11-08	11-13-08	SM2540C	
WM-3 DC-D/S (CRK0319-03) Water	**Sampled: 11-07-08 08:53**		**Received: 11-10-08 09:40**						
Total Alkalinity	**59**	5.0	mg/L	1	CR09496	11-11-08	11-11-08	SM2310B	
Bicarbonate as CaCO3	**59**	5.0	"	"	"	"	"	"	
Carbonate as CaCO3	ND	5.0	"	"	"	"	"	"	
Hydroxide as CaCO3	ND	5.0	"	"	"	"	"	"	
Chloride	**1.1**	0.50	"	"	CR09470	11-11-08	11-11-08	EPA 300.0	
Specific Conductance (EC)	**130**	1.0	µmhos/cm	"	CR09457	11-10-08	11-10-08	EPA 120.1	
Methylene Blue Active Substances	ND	0.10	mg/L	"	CR09493	11-11-08	11-11-08	SM5540 C	HT-1
Calcium	**14**	1.0	"	"	CR09505	11-11-08	11-12-08	200.7/2340B	
Magnesium	**7.0**	1.0	"	"	"	"	"	"	
Potassium	**1.2**	1.0	"	"	"	"	"	"	
Sodium	**3.5**	1.0	"	"	"	"	"	"	
Hardness as CaCO3	**63**	1.0	"	"	"	"	"	"	
pH	**7.56**	0.01	pH Units	"	CR09453	11-10-08	11-10-08	SM4500-H B	HT-F
Sulfate as SO4	**5.0**	0.50	mg/L	"	CR09470	11-11-08	11-11-08	EPA 300.0	
Total Dissolved Solids	**97**	10	"	"	CR09491	11-11-08	11-13-08	SM2540C	
WM-2 DC-U/S (CRK0319-04) Water	**Sampled: 11-07-08 09:25**		**Received: 11-10-08 09:40**						
Total Alkalinity	**73**	5.0	mg/L	1	CR09496	11-11-08	11-11-08	SM2310B	
Bicarbonate as CaCO3	**73**	5.0	"	"	"	"	"	"	
Carbonate as CaCO3	ND	5.0	"	"	"	"	"	"	
Hydroxide as CaCO3	ND	5.0	"	"	"	"	"	"	
Chloride	**0.79**	0.50	"	"	CR09470	11-11-08	11-11-08	EPA 300.0	
Specific Conductance (EC)	**140**	1.0	µmhos/cm	"	CR09457	11-10-08	11-10-08	EPA 120.1	
Methylene Blue Active Substances	ND	0.10	mg/L	"	CR09493	11-11-08	11-11-08	SM5540 C	HT-1
Calcium	**14**	1.0	"	"	CR09505	11-11-08	11-12-08	200.7/2340B	
Magnesium	**7.9**	1.0	"	"	"	"	"	"	
Potassium	**1.1**	1.0	"	"	"	"	"	"	
Sodium	**3.1**	1.0	"	"	"	"	"	"	
Hardness as CaCO3	**68**	1.0	"	"	"	"	"	"	
pH	**7.68**	0.01	pH Units	"	CR09453	11-10-08	11-10-08	SM4500-H B	HT-F
Sulfate as SO4	ND	0.50	mg/L	"	CR09470	11-11-08	11-11-08	EPA 300.0	

CALIFORNIA LABORATORY SERVICES

11-21-08 08:03

CRWQCB - Sacramento
11020 Sun Center Drive, Ste. 200
Rancho Cordova CA, 95670-6114

Project: Walker Mine
Project Number: PCA 13180
Project Manager: Jeff Huggins

CLS Work Order #: CRK0319
COC #: 94810,13

Conventional Chemistry Parameters by APHA/EPA Methods

Analyte	Result	Reporting Limit	Units	Dilution	Batch	Prepared	Analyzed	Method	Notes
WM-2 DC-U/S (CRK0319-04) Water	**Sampled: 11-07-08 09:25**		**Received: 11-10-08 09:40**						
Total Dissolved Solids	**110**	10	mg/L	1	CR09491	11-11-08	11-13-08	SM2540C	
WM-19 Pond (CRK0319-05) Water	**Sampled: 11-07-08 10:45**		**Received: 11-10-08 09:40**						
Total Alkalinity	**29**	5.0	mg/L	1	CR09496	11-11-08	11-11-08	SM2310B	
Bicarbonate as CaCO3	**29**	5.0	"	"	"	"	"	"	
Carbonate as CaCO3	ND	5.0	"	"	"	"	"	"	
Hydroxide as CaCO3	ND	5.0	"	"	"	"	"	"	
Chloride	**0.76**	0.50	"	"	CR09470	11-11-08	11-11-08	EPA 300.0	
Specific Conductance (EC)	**200**	1.0	µmhos/cm	"	CR09457	11-10-08	11-10-08	EPA 120.1	
Methylene Blue Active Substances	ND	0.10	mg/L	"	CR09493	11-11-08	11-11-08	SM5540 C	HT-1
Calcium	**23**	1.0	"	"	CR09505	11-11-08	11-12-08	200.7/2340B	
Magnesium	**5.9**	1.0	"	"	"	"	"	"	
Potassium	**2.7**	1.0	"	"	"	"	"	"	
Sodium	**7.0**	1.0	"	"	"	"	"	"	
Hardness as CaCO3	**82**	1.0	"	"	"	"	"	"	
pH	**7.19**	0.01	pH Units	"	CR09453	11-10-08	11-10-08	SM4500-H B	HT-F
Sulfate as SO4	**69**	2.5	mg/L	5	CR09470	11-11-08	11-12-08	EPA 300.0	
Total Dissolved Solids	**160**	10	"	1	CR09491	11-11-08	11-13-08	SM2540C	
WM-4 48" Culvert (CRK0319-06) Water	**Sampled: 11-07-08 11:00**		**Received: 11-10-08 09:40**						
Total Alkalinity	**61**	5.0	mg/L	1	CR09496	11-11-08	11-11-08	SM2310B	
Bicarbonate as CaCO3	**61**	5.0	"	"	"	"	"	"	
Carbonate as CaCO3	ND	5.0	"	"	"	"	"	"	
Hydroxide as CaCO3	ND	5.0	"	"	"	"	"	"	
Chloride	**1.1**	0.50	"	"	CR09470	11-11-08	11-11-08	EPA 300.0	
Specific Conductance (EC)	**130**	1.0	µmhos/cm	"	CR09457	11-10-08	11-10-08	EPA 120.1	
Methylene Blue Active Substances	ND	0.10	mg/L	"	CR09493	11-11-08	11-11-08	SM5540 C	HT-1
Calcium	**13**	1.0	"	"	CR09505	11-11-08	11-12-08	200.7/2340B	
Magnesium	**6.9**	1.0	"	"	"	"	"	"	
Potassium	**1.2**	1.0	"	"	"	"	"	"	
Sodium	**3.6**	1.0	"	"	"	"	"	"	
Hardness as CaCO3	**60**	1.0	"	"	"	"	"	"	
pH	**7.69**	0.01	pH Units	"	CR09453	11-10-08	11-10-08	SM4500-H B	HT-F
Sulfate as SO4	**5.0**	0.50	mg/L	"	CR09470	11-11-08	11-11-08	EPA 300.0	

CALIFORNIA LABORATORY SERVICES

11-21-08 08:03

CRWQCB - Sacramento
11020 Sun Center Drive, Ste. 200
Rancho Cordova CA, 95670-6114

Project: Walker Mine
Project Number: PCA 13180
Project Manager: Jeff Huggins

CLS Work Order #: CRK0319
COC #: 94810,13

Conventional Chemistry Parameters by APHA/EPA Methods

Analyte	Result	Reporting Limit	Units	Dilution	Batch	Prepared	Analyzed	Method	Notes
WM-4 48" Culvert (CRK0319-06) Water	**Sampled: 11-07-08 11:00 Received: 11-10-08 09:40**								
Total Dissolved Solids	**100**	10	mg/L	1	CR09491	11-11-08	11-13-08	SM2540C	
WM-9 Browns Cabin (CRK0319-07) Water	**Sampled: 11-07-08 11:20 Received: 11-10-08 09:40**								
Total Alkalinity	**61**	5.0	mg/L	1	CR09496	11-11-08	11-11-08	SM2310B	
Bicarbonate as CaCO3	**61**	5.0	"	"	"	"	"	"	
Carbonate as CaCO3	ND	5.0	"	"	"	"	"	"	
Hydroxide as CaCO3	ND	5.0	"	"	"	"	"	"	
Chloride	**1.1**	0.50	"	"	CR09470	11-11-08	11-11-08	EPA 300.0	
Specific Conductance (EC)	**140**	1.0	µmhos/cm	"	CR09457	11-10-08	11-10-08	EPA 120.1	
Methylene Blue Active Substances	ND	0.10	mg/L	"	CR09493	11-11-08	11-11-08	SM5540 C	HT-1
Calcium	**16**	1.0	"	"	CR09505	11-11-08	11-12-08	200.7/2340B	
Magnesium	**5.6**	1.0	"	"	"	"	"	"	
Potassium	**2.0**	1.0	"	"	"	"	"	"	
Sodium	**4.7**	1.0	"	"	"	"	"	"	
Hardness as CaCO3	**63**	1.0	"	"	"	"	"	"	
pH	**7.76**	0.01	pH Units	"	CR09453	11-10-08	11-10-08	SM4500-H B	HT-F
Sulfate as SO4	**12**	0.50	mg/L	"	CR09470	11-11-08	11-11-08	EPA 300.0	
Total Dissolved Solids	**110**	10	"	"	CR09491	11-11-08	11-13-08	SM2540C	
WM-8 LGC Below DC (CRK0319-08) Water	**Sampled: 11-07-08 11:35 Received: 11-10-08 09:40**								
Total Alkalinity	**62**	5.0	mg/L	1	CR09496	11-11-08	11-11-08	SM2310B	
Bicarbonate as CaCO3	**62**	5.0	"	"	"	"	"	"	
Carbonate as CaCO3	ND	5.0	"	"	"	"	"	"	
Hydroxide as CaCO3	ND	5.0	"	"	"	"	"	"	
Chloride	**1.1**	0.50	"	"	CR09470	11-11-08	11-11-08	EPA 300.0	
Specific Conductance (EC)	**150**	1.0	µmhos/cm	"	CR09457	11-10-08	11-10-08	EPA 120.1	
Methylene Blue Active Substances	ND	0.10	mg/L	"	CR09493	11-11-08	11-11-08	SM5540 C	HT-1
Calcium	**15**	1.0	"	"	CR09505	11-11-08	11-12-08	200.7/2340B	
Magnesium	**5.8**	1.0	"	"	"	"	"	"	
Potassium	**2.2**	1.0	"	"	"	"	"	"	
Sodium	**4.5**	1.0	"	"	"	"	"	"	
Hardness as CaCO3	**62**	1.0	"	"	"	"	"	"	
pH	**7.67**	0.01	pH Units	"	CR09453	11-10-08	11-10-08	SM4500-H B	HT-F
Sulfate as SO4	**12**	0.50	mg/L	"	CR09470	11-11-08	11-11-08	EPA 300.0	

CALIFORNIA LABORATORY SERVICES

11-21-08 08:03

CRWQCB - Sacramento
11020 Sun Center Drive, Ste. 200
Rancho Cordova CA, 95670-6114

Project: Walker Mine
Project Number: PCA 13180
Project Manager: Jeff Huggins

CLS Work Order #: CRK0319
COC #: 94810,13

Conventional Chemistry Parameters by APHA/EPA Methods

Analyte	Result	Reporting Limit	Units	Dilution	Batch	Prepared	Analyzed	Method	Notes
WM-8 LGC Below DC (CRK0319-08) Water	**Sampled: 11-07-08 11:35**		**Received: 11-10-08 09:40**						
Total Dissolved Solids	**110**	10	mg/L	1	CR09491	11-11-08	11-13-08	SM2540C	
WM-7 LGC Above DC (CRK0319-09) Water	**Sampled: 11-07-08 11:45**		**Received: 11-10-08 09:40**						
Total Alkalinity	**62**	5.0	mg/L	1	CR09496	11-11-08	11-11-08	SM2310B	
Bicarbonate as CaCO3	**62**	5.0	"	"	"	"	"	"	
Carbonate as CaCO3	ND	5.0	"	"	"	"	"	"	
Hydroxide as CaCO3	ND	5.0	"	"	"	"	"	"	
Chloride	**1.1**	0.50	"	"	CR09470	11-11-08	11-11-08	EPA 300.0	
Specific Conductance (EC)	**140**	1.0	µmhos/cm	"	CR09457	11-10-08	11-10-08	EPA 120.1	
Methylene Blue Active Substances	ND	0.10	mg/L	"	CR09493	11-11-08	11-11-08	SM5540 C	HT-1
Calcium	**16**	1.0	"	"	CR09505	11-11-08	11-12-08	200.7/2340B	
Magnesium	**5.5**	1.0	"	"	"	"	"	"	
Potassium	**2.0**	1.0	"	"	"	"	"	"	
Sodium	**4.6**	1.0	"	"	"	"	"	"	
Hardness as CaCO3	**63**	1.0	"	"	"	"	"	"	
pH	**7.60**	0.01	pH Units	"	CR09453	11-10-08	11-10-08	SM4500-H B	HT-F
Sulfate as SO4	**12**	0.50	mg/L	"	CR09470	11-11-08	11-11-08	EPA 300.0	
Total Dissolved Solids	**110**	10	"	"	CR09491	11-11-08	11-13-08	SM2540C	
WM-6 USFS Dam (CRK0319-10) Water	**Sampled: 11-07-08 11:50**		**Received: 11-10-08 09:40**						
Total Alkalinity	**69**	5.0	mg/L	1	CR09496	11-11-08	11-11-08	SM2310B	
Bicarbonate as CaCO3	**69**	5.0	"	"	"	"	"	"	
Carbonate as CaCO3	ND	5.0	"	"	"	"	"	"	
Hydroxide as CaCO3	ND	5.0	"	"	"	"	"	"	
Chloride	**1.0**	0.50	"	"	CR09470	11-11-08	11-11-08	EPA 300.0	
Specific Conductance (EC)	**160**	1.0	µmhos/cm	"	CR09457	11-10-08	11-10-08	EPA 120.1	
Methylene Blue Active Substances	ND	0.10	mg/L	"	CR09493	11-11-08	11-11-08	SM5540 C	HT-1
Calcium	**17**	1.0	"	"	CR09505	11-11-08	11-12-08	200.7/2340B	
Magnesium	**6.5**	1.0	"	"	"	"	"	"	
Potassium	**2.4**	1.0	"	"	"	"	"	"	
Sodium	**4.6**	1.0	"	"	"	"	"	"	
Hardness as CaCO3	**68**	1.0	"	"	"	"	"	"	
pH	**7.62**	0.01	pH Units	"	CR09453	11-10-08	11-10-08	SM4500-H B	HT-F
Sulfate as SO4	**13**	0.50	mg/L	"	CR09470	11-11-08	11-11-08	EPA 300.0	

CALIFORNIA LABORATORY SERVICES

11-21-08 08:03

CRWQCB - Sacramento
11020 Sun Center Drive, Ste. 200
Rancho Cordova CA, 95670-6114

Project: Walker Mine
Project Number: PCA 13180
Project Manager: Jeff Huggins

CLS Work Order #: CRK0319
COC #: 94810,13

Conventional Chemistry Parameters by APHA/EPA Methods

Analyte	Result	Reporting Limit	Units	Dilution	Batch	Prepared	Analyzed	Method	Notes
WM-6 USFS Dam (CRK0319-10) Water	**Sampled: 11-07-08 11:50**		**Received: 11-10-08 09:40**						
Total Dissolved Solids	**100**	10	mg/L	1	CR09491	11-11-08	11-13-08	SM2540C	
WM-7B (CRK0319-11) Water	**Sampled: 11-07-08 12:05**		**Received: 11-10-08 09:40**						
Total Alkalinity	**63**	5.0	mg/L	1	CR09496	11-11-08	11-11-08	SM2310B	
Bicarbonate as CaCO3	**63**	5.0	"	"	"	"	"	"	
Carbonate as CaCO3	ND	5.0	"	"	"	"	"	"	
Hydroxide as CaCO3	ND	5.0	"	"	"	"	"	"	
Chloride	**1.2**	0.50	"	"	CR09470	11-11-08	11-11-08	EPA 300.0	
Specific Conductance (EC)	**140**	1.0	µmhos/cm	"	CR09457	11-10-08	11-10-08	EPA 120.1	
Methylene Blue Active Substances	ND	0.10	mg/L	"	CR09493	11-11-08	11-11-08	SM5540 C	HT-1
Calcium	**13**	1.0	"	"	CR09505	11-11-08	11-12-08	200.7/2340B	
Magnesium	**6.4**	1.0	"	"	"	"	"	"	
Potassium	**1.6**	1.0	"	"	"	"	"	"	
Sodium	**4.0**	1.0	"	"	"	"	"	"	
Hardness as CaCO3	**58**	1.0	"	"	"	"	"	"	
pH	**7.93**	0.01	pH Units	"	CR09453	11-10-08	11-10-08	SM4500-H B	HT-F
Sulfate as SO4	**6.1**	0.50	mg/L	"	CR09470	11-11-08	11-11-08	EPA 300.0	
Total Dissolved Solids	**97**	10	"	"	CR09491	11-11-08	11-13-08	SM2540C	
WM-7C (CRK0319-12) Water	**Sampled: 11-07-08 12:10**		**Received: 11-10-08 09:40**						
Total Alkalinity	**63**	5.0	mg/L	1	CR09496	11-11-08	11-11-08	SM2310B	
Bicarbonate as CaCO3	**63**	5.0	"	"	"	"	"	"	
Carbonate as CaCO3	ND	5.0	"	"	"	"	"	"	
Hydroxide as CaCO3	ND	5.0	"	"	"	"	"	"	
Chloride	**1.0**	0.50	"	"	CR09470	11-11-08	11-11-08	EPA 300.0	
Specific Conductance (EC)	**140**	1.0	µmhos/cm	"	CR09457	11-10-08	11-10-08	EPA 120.1	
Methylene Blue Active Substances	ND	0.10	mg/L	"	CR09493	11-11-08	11-11-08	SM5540 C	HT-1
Calcium	**18**	1.0	"	"	CR09658	11-17-08	11-18-08	200.7/2340B	
Magnesium	**5.1**	1.0	"	"	"	"	"	"	
Potassium	**1.9**	1.0	"	"	"	"	"	"	
Sodium	**4.7**	1.0	"	"	"	"	"	"	
Hardness as CaCO3	**65**	1.0	"	"	"	"	"	"	
pH	**7.31**	0.01	pH Units	"	CR09453	11-10-08	11-10-08	SM4500-H B	HT-F
Sulfate as SO4	**9.1**	0.50	mg/L	"	CR09470	11-11-08	11-11-08	EPA 300.0	

CALIFORNIA LABORATORY SERVICES

11-21-08 08:03

CRWQCB - Sacramento
11020 Sun Center Drive, Ste. 200
Rancho Cordova CA, 95670-6114

Project: Walker Mine
Project Number: PCA 13180
Project Manager: Jeff Huggins

CLS Work Order #: CRK0319
COC #: 94810,13

Conventional Chemistry Parameters by APHA/EPA Methods

Analyte	Result	Reporting Limit	Units	Dilution	Batch	Prepared	Analyzed	Method	Notes
WM-7C (CRK0319-12) Water	**Sampled: 11-07-08 12:10**		**Received: 11-10-08 09:40**						
Total Dissolved Solids	**110**	10	mg/L	1	CR09491	11-11-08	11-13-08	SM2540C	
WM-7A (CRK0319-13) Water	**Sampled: 11-07-08 12:30**		**Received: 11-10-08 09:40**						
Total Alkalinity	**65**	5.0	mg/L	1	CR09496	11-11-08	11-11-08	SM2310B	
Bicarbonate as CaCO3	**65**	5.0	"	"	"	"	"	"	
Carbonate as CaCO3	ND	5.0	"	"	"	"	"	"	
Hydroxide as CaCO3	ND	5.0	"	"	"	"	"	"	
Chloride	**1.1**	0.50	"	"	CR09470	11-11-08	11-11-08	EPA 300.0	
Specific Conductance (EC)	**140**	1.0	µmhos/cm	"	CR09457	11-10-08	11-10-08	EPA 120.1	
Methylene Blue Active Substances	ND	0.10	mg/L	"	CR09493	11-11-08	11-11-08	SM5540 C	HT-1
Calcium	**14**	1.0	"	"	CR09658	11-17-08	11-18-08	200.7/2340B	
Magnesium	**6.6**	1.0	"	"	"	"	"	"	
Potassium	**1.3**	1.0	"	"	"	"	"	"	
Sodium	**3.9**	1.0	"	"	"	"	"	"	
Hardness as CaCO3	**62**	1.0	"	"	"	"	"	"	
pH	**7.90**	0.01	pH Units	"	CR09453	11-10-08	11-10-08	SM4500-H B	HT-F
Sulfate as SO4	**5.8**	0.50	mg/L	"	CR09470	11-11-08	11-11-08	EPA 300.0	
Total Dissolved Solids	**99**	10	"	"	CR09491	11-11-08	11-13-08	SM2540C	
WM-12 MBWC (CRK0319-14) Water	**Sampled: 11-07-08 13:40**		**Received: 11-10-08 09:40**						
Total Alkalinity	**13**	5.0	mg/L	1	CR09496	11-11-08	11-11-08	SM2310B	
Bicarbonate as CaCO3	**13**	5.0	"	"	"	"	"	"	
Carbonate as CaCO3	ND	5.0	"	"	"	"	"	"	
Hydroxide as CaCO3	ND	5.0	"	"	"	"	"	"	
Chloride	**0.87**	0.50	"	"	CR09470	11-11-08	11-11-08	EPA 300.0	
Specific Conductance (EC)	**32**	1.0	µmhos/cm	"	CR09457	11-10-08	11-10-08	EPA 120.1	
Methylene Blue Active Substances	ND	0.10	mg/L	"	CR09493	11-11-08	11-11-08	SM5540 C	HT-1
Calcium	**2.8**	1.0	"	"	CR09658	11-17-08	11-18-08	200.7/2340B	
Magnesium	**1.2**	1.0	"	"	"	"	"	"	
Potassium	ND	1.0	"	"	"	"	"	"	
Sodium	**1.3**	1.0	"	"	"	"	"	"	
Hardness as CaCO3	**12**	1.0	"	"	"	"	"	"	
pH	**6.40**	0.01	pH Units	"	CR09453	11-10-08	11-10-08	SM4500-H B	HT-F
Sulfate as SO4	ND	0.50	mg/L	"	CR09470	11-11-08	11-11-08	EPA 300.0	

CALIFORNIA LABORATORY SERVICES

11-21-08 08:03

CRWQCB - Sacramento
11020 Sun Center Drive, Ste. 200
Rancho Cordova CA, 95670-6114

Project: Walker Mine
Project Number: PCA 13180
Project Manager: Jeff Huggins

CLS Work Order #: CRK0319
COC #: 94810,13

Conventional Chemistry Parameters by APHA/EPA Methods

Analyte	Result	Reporting Limit	Units	Dilution	Batch	Prepared	Analyzed	Method	Notes
WM-12 MBWC (CRK0319-14) Water	**Sampled: 11-07-08 13:40**		**Received: 11-10-08 09:40**						
Total Dissolved Solids	**19**	10	mg/L	1	CR09491	11-11-08	11-13-08	SM2540C	
WM-13 Nye Creek (CRK0319-15) Water	**Sampled: 11-07-08 13:50**		**Received: 11-10-08 09:40**						
Total Alkalinity	**60**	5.0	mg/L	1	CR09496	11-11-08	11-11-08	SM2310B	
Bicarbonate as CaCO3	**60**	5.0	"	"	"	"	"	"	
Carbonate as CaCO3	ND	5.0	"	"	"	"	"	"	
Hydroxide as CaCO3	ND	5.0	"	"	"	"	"	"	
Chloride	**1.2**	0.50	"	"	CR09470	11-11-08	11-11-08	EPA 300.0	
Specific Conductance (EC)	**120**	1.0	µmhos/cm	"	CR09457	11-10-08	11-10-08	EPA 120.1	
Methylene Blue Active Substances	ND	0.10	mg/L	"	CR09493	11-11-08	11-11-08	SM5540 C	HT-1
Calcium	**13**	1.0	"	"	CR09658	11-17-08	11-18-08	200.7/2340B	
Magnesium	**6.1**	1.0	"	"	"	"	"	"	
Potassium	ND	1.0	"	"	"	"	"	"	
Sodium	**2.9**	1.0	"	"	"	"	"	"	
Hardness as CaCO3	**59**	1.0	"	"	"	"	"	"	
pH	**6.78**	0.01	pH Units	"	CR09453	11-10-08	11-10-08	SM4500-H B	HT-F
Sulfate as SO4	ND	0.50	mg/L	"	CR09470	11-11-08	11-11-08	EPA 300.0	
Total Dissolved Solids	**78**	10	"	"	CR09491	11-11-08	11-13-08	SM2540C	
WM-17 NBWC (CRK0319-16) Water	**Sampled: 11-07-08 14:00**		**Received: 11-10-08 09:40**						
Total Alkalinity	**79**	5.0	mg/L	1	CR09496	11-11-08	11-11-08	SM2310B	
Bicarbonate as CaCO3	**79**	5.0	"	"	"	"	"	"	
Carbonate as CaCO3	ND	5.0	"	"	"	"	"	"	
Hydroxide as CaCO3	ND	5.0	"	"	"	"	"	"	
Chloride	**0.73**	0.50	"	"	CR09470	11-11-08	11-11-08	EPA 300.0	
Specific Conductance (EC)	**150**	1.0	µmhos/cm	"	CR09457	11-10-08	11-10-08	EPA 120.1	
Methylene Blue Active Substances	ND	0.10	mg/L	"	CR09493	11-11-08	11-11-08	SM5540 C	HT-1
Calcium	**18**	1.0	"	"	CR09658	11-17-08	11-18-08	200.7/2340B	
Magnesium	**7.5**	1.0	"	"	"	"	"	"	
Potassium	**1.8**	1.0	"	"	"	"	"	"	
Sodium	**3.7**	1.0	"	"	"	"	"	"	
Hardness as CaCO3	**76**	1.0	"	"	"	"	"	"	
pH	**7.92**	0.01	pH Units	"	CR09453	11-10-08	11-10-08	SM4500-H B	HT-F
Sulfate as SO4	**0.62**	0.50	mg/L	"	CR09470	11-11-08	11-11-08	EPA 300.0	

CALIFORNIA LABORATORY SERVICES

11-21-08 08:03

CRWQCB - Sacramento	Project: Walker Mine	
11020 Sun Center Drive, Ste. 200	Project Number: PCA 13180	**CLS Work Order #: CRK0319**
Rancho Cordova CA, 95670-6114	Project Manager: Jeff Huggins	COC #: 94810,13

Conventional Chemistry Parameters by APHA/EPA Methods

Analyte	Result	Reporting Limit	Units	Dilution	Batch	Prepared	Analyzed	Method	Notes
WM-17 NBWC (CRK0319-16) Water	**Sampled: 11-07-08 14:00**		**Received: 11-10-08 09:40**						
Total Dissolved Solids	**110**	10	mg/L	1	CR09491	11-11-08	11-13-08	SM2540C	

CALIFORNIA LABORATORY SERVICES

11-21-08 08:03

CRWQCB - Sacramento	Project: Walker Mine	
11020 Sun Center Drive, Ste. 200	Project Number: PCA 13180	**CLS Work Order #: CRK0319**
Rancho Cordova CA, 95670-6114	Project Manager: Jeff Huggins	COC #: 94810,13

Metals by EPA 200 Series Methods

Analyte	Result	Reporting Limit	Units	Dilution	Batch	Prepared	Analyzed	Method	Notes
WM-1 Portal (CRK0319-01) Water Sampled: 11-07-08 09:15 Received: 11-10-08 09:40									
Aluminum	ND	20	µg/L	1	CR09497	11-11-08	11-12-08	EPA 200.8	QC-2H
Arsenic	**10**	2.0	"	"	"	"	"	"	
Copper	**97**	1.0	"	"	"	"	"	"	
Iron	ND	50	"	"	"	"	"	"	QC-2H
Zinc	**23**	2.0	"	"	"	"	"	"	
Cadmium	ND	0.50	"	"	"	"	"	"	
WM-5 LGC/U/S (CRK0319-02) Water Sampled: 11-07-08 08:40 Received: 11-10-08 09:40									
Aluminum	**1000**	200	µg/L	10	CR09497	11-11-08	11-12-08	EPA 200.8	
Arsenic	ND	2.0	"	1	"	"	"	"	
Copper	ND	1.0	"	"	"	"	"	"	
Iron	**990**	500	"	10	"	"	"	"	
Zinc	**3.0**	2.0	"	1	"	"	"	"	
Cadmium	ND	0.50	"	"	"	"	"	"	
WM-3 DC-D/S (CRK0319-03) Water Sampled: 11-07-08 08:53 Received: 11-10-08 09:40									
Aluminum	**190**	100	µg/L	5	CR09497	11-11-08	11-12-08	EPA 200.8	
Arsenic	ND	2.0	"	1	"	"	"	"	
Copper	**71**	1.0	"	"	"	"	"	"	
Iron	**500**	250	"	5	"	"	"	"	
Zinc	**9.3**	2.0	"	1	"	"	"	"	
Cadmium	ND	0.50	"	"	"	"	"	"	
WM-2 DC-U/S (CRK0319-04) Water Sampled: 11-07-08 09:25 Received: 11-10-08 09:40									
Aluminum	ND	20	µg/L	1	CR09497	11-11-08	11-12-08	EPA 200.8	QC-2H
Arsenic	ND	2.0	"	"	"	"	"	"	
Copper	ND	1.0	"	"	"	"	"	"	
Iron	ND	50	"	"	"	"	"	"	QC-2H
Zinc	ND	2.0	"	"	"	"	"	"	
Cadmium	ND	0.50	"	"	"	"	"	"	
WM-19 Pond (CRK0319-05) Water Sampled: 11-07-08 10:45 Received: 11-10-08 09:40									
Aluminum	**280**	200	µg/L	10	CR09497	11-11-08	11-12-08	EPA 200.8	
Arsenic	ND	2.0	"	1	"	"	"	"	
Copper	**1400**	10	"	10	"	"	"	"	
Iron	**540**	500	"	"	"	"	"	"	

CALIFORNIA LABORATORY SERVICES

11-21-08 08:03

CRWQCB - Sacramento	Project: Walker Mine	
11020 Sun Center Drive, Ste. 200	Project Number: PCA 13180	**CLS Work Order #: CRK0319**
Rancho Cordova CA, 95670-6114	Project Manager: Jeff Huggins	COC #: 94810,13

Metals by EPA 200 Series Methods

Analyte	Result	Reporting Limit	Units	Dilution	Batch	Prepared	Analyzed	Method	Notes
WM-19 Pond (CRK0319-05) Water Sampled: 11-07-08 10:45 Received: 11-10-08 09:40									
Zinc	**98**	2.0	µg/L	1	CR09497	"	11-12-08	EPA 200.8	
Cadmium	**0.64**	0.50	"	"	"	"	"	"	
WM-4 48" Culvert (CRK0319-06) Water Sampled: 11-07-08 11:00 Received: 11-10-08 09:40									
Aluminum	**160**	40	µg/L	2	CR09497	11-11-08	11-12-08	EPA 200.8	
Arsenic	ND	2.0	"	1	"	"	"	"	
Copper	**54**	1.0	"	"	"	"	"	"	
Iron	**390**	100	"	2	"	"	"	"	
Zinc	**7.2**	2.0	"	1	"	"	"	"	
Cadmium	ND	0.50	"	"	"	"	"	"	
WM-9 Browns Cabin (CRK0319-07) Water Sampled: 11-07-08 11:20 Received: 11-10-08 09:40									
Aluminum	**150**	100	µg/L	5	CR09497	11-11-08	11-12-08	EPA 200.8	
Arsenic	ND	2.0	"	1	"	"	"	"	
Copper	**14**	1.0	"	"	"	"	"	"	
Iron	**690**	250	"	5	"	"	"	"	
Zinc	**2.7**	2.0	"	1	"	"	"	"	
Cadmium	ND	0.50	"	"	"	"	"	"	
WM-8 LGC Below DC (CRK0319-08) Water Sampled: 11-07-08 11:35 Received: 11-10-08 09:40									
Aluminum	**170**	100	µg/L	5	CR09497	11-11-08	11-12-08	EPA 200.8	
Arsenic	ND	2.0	"	1	"	"	"	"	
Copper	**13**	1.0	"	"	"	"	"	"	
Iron	**750**	250	"	5	"	"	"	"	
Zinc	**3.2**	2.0	"	1	"	"	"	"	
Cadmium	ND	0.50	"	"	"	"	"	"	
WM-7 LGC Above DC (CRK0319-09) Water Sampled: 11-07-08 11:45 Received: 11-10-08 09:40									
Aluminum	**200**	100	µg/L	5	CR09497	11-11-08	11-12-08	EPA 200.8	
Arsenic	ND	2.0	"	1	"	"	"	"	
Copper	**10**	1.0	"	"	"	"	"	"	
Iron	**770**	250	"	5	"	"	"	"	
Zinc	**2.4**	2.0	"	1	"	"	"	"	
Cadmium	ND	0.50	"	"	"	"	"	"	
WM-6 USFS Dam (CRK0319-10) Water Sampled: 11-07-08 11:50 Received: 11-10-08 09:40									

CALIFORNIA LABORATORY SERVICES

11-21-08 08:03

CRWQCB - Sacramento	Project: Walker Mine	
11020 Sun Center Drive, Ste. 200	Project Number: PCA 13180	**CLS Work Order #: CRK0319**
Rancho Cordova CA, 95670-6114	Project Manager: Jeff Huggins	COC #: 94810,13

Metals by EPA 200 Series Methods

Analyte	Result	Reporting Limit	Units	Dilution	Batch	Prepared	Analyzed	Method	Notes
WM-6 USFS Dam (CRK0319-10) Water	**Sampled: 11-07-08 11:50**		**Received: 11-10-08 09:40**						
Aluminum	ND	20	µg/L	1	CR09497	11-11-08	11-12-08	EPA 200.8	QC-2H
Arsenic	ND	2.0	"	"	"	"	"	"	
Copper	**37**	1.0	"	"	"	"	"	"	
Iron	**500**	250	"	5	"	"	"	"	
Zinc	**7.1**	2.0	"	1	"	"	"	"	
Cadmium	ND	0.50	"	"	"	"	"	"	
WM-7B (CRK0319-11) Water	**Sampled: 11-07-08 12:05**		**Received: 11-10-08 09:40**						
Aluminum	**140**	100	µg/L	5	CR09497	11-11-08	11-12-08	EPA 200.8	
Arsenic	ND	2.0	"	1	"	"	"	"	
Copper	**40**	1.0	"	"	"	"	"	"	
Iron	**780**	250	"	5	"	"	"	"	
Zinc	**4.5**	2.0	"	1	"	"	"	"	
Cadmium	ND	0.50	"	"	"	"	"	"	
WM-7C (CRK0319-12) Water	**Sampled: 11-07-08 12:10**		**Received: 11-10-08 09:40**						
Aluminum	**320**	200	µg/L	10	CR09497	11-11-08	11-12-08	EPA 200.8	
Arsenic	ND	2.0	"	1	"	"	"	"	
Copper	ND	1.0	"	"	"	"	"	"	
Iron	**1000**	500	"	10	"	"	"	"	
Zinc	**2.4**	2.0	"	1	"	"	"	"	
Cadmium	ND	0.50	"	"	"	"	"	"	
WM-7A (CRK0319-13) Water	**Sampled: 11-07-08 12:30**		**Received: 11-10-08 09:40**						
Aluminum	**120**	100	µg/L	5	CR09497	11-11-08	11-12-08	EPA 200.8	
Arsenic	ND	2.0	"	1	"	"	"	"	
Copper	**53**	1.0	"	"	"	"	"	"	
Iron	**660**	250	"	5	"	"	"	"	
Zinc	**8.6**	2.0	"	1	"	"	"	"	
Cadmium	ND	0.50	"	"	"	"	"	"	
WM-12 MBWC (CRK0319-14) Water	**Sampled: 11-07-08 13:40**		**Received: 11-10-08 09:40**						
Aluminum	**72**	20	µg/L	1	CR09497	11-11-08	11-12-08	EPA 200.8	
Arsenic	ND	2.0	"	"	"	"	"	"	
Copper	**5.8**	1.0	"	"	"	"	"	"	
Iron	**61**	50	"	"	"	"	"	"	

CALIFORNIA LABORATORY SERVICES

11-21-08 08:03

CRWQCB - Sacramento	Project: Walker Mine	
11020 Sun Center Drive, Ste. 200	Project Number: PCA 13180	**CLS Work Order #: CRK0319**
Rancho Cordova CA, 95670-6114	Project Manager: Jeff Huggins	COC #: 94810,13

Metals by EPA 200 Series Methods

Analyte	Result	Reporting Limit	Units	Dilution	Batch	Prepared	Analyzed	Method	Notes
WM-12 MBWC (CRK0319-14) Water	**Sampled: 11-07-08 13:40**		**Received: 11-10-08 09:40**						
Zinc	**2.5**	2.0	µg/L	1	CR09497	"	11-12-08	EPA 200.8	
Cadmium	ND	0.50	"	"	"	"	"	"	
WM-13 Nye Creek (CRK0319-15) Water	**Sampled: 11-07-08 13:50**		**Received: 11-10-08 09:40**						
Aluminum	ND	20	µg/L	1	CR09497	11-11-08	11-12-08	EPA 200.8	
Arsenic	ND	2.0	"	"	"	"	"	"	
Copper	ND	1.0	"	"	"	"	"	"	
Iron	ND	50	"	"	"	"	"	"	QC-2H
Zinc	**2.2**	2.0	"	"	"	"	"	"	
Cadmium	ND	0.50	"	"	"	"	"	"	
WM-17 NBWC (CRK0319-16) Water	**Sampled: 11-07-08 14:00**		**Received: 11-10-08 09:40**						
Aluminum	ND	20	µg/L	1	CR09497	11-11-08	11-12-08	EPA 200.8	
Arsenic	ND	2.0	"	"	"	"	"	"	
Copper	ND	1.0	"	"	"	"	"	"	
Iron	ND	50	"	"	"	"	"	"	QC-2H
Zinc	**2.3**	2.0	"	"	"	"	"	"	
Cadmium	ND	0.50	"	"	"	"	"	"	

CALIFORNIA LABORATORY SERVICES

11-21-08 08:03

CRWQCB - Sacramento	Project: Walker Mine	
11020 Sun Center Drive, Ste. 200	Project Number: PCA 13180	**CLS Work Order #: CRK0319**
Rancho Cordova CA, 95670-6114	Project Manager: Jeff Huggins	COC #: 94810,13

Metals (Dissolved) by EPA 200 Series Methods

Analyte	Result	Reporting Limit	Units	Dilution	Batch	Prepared	Analyzed	Method	Notes
WM-1 Portal (CRK0319-01) Water Sampled: 11-07-08 09:15 Received: 11-10-08 09:40									
Aluminum	ND	20	µg/L	1	CR09478	11-11-08	11-12-08	EPA 200.8	
Arsenic	**11**	5.0	"	"	"	"	"	"	
Copper	**91**	2.0	"	"	"	"	"	"	
Iron	ND	50	"	"	"	"	"	"	
Zinc	**22**	2.0	"	"	"	"	"	"	
Cadmium	ND	0.50	"	"	"	"	"	"	
WM-5 LGC/U/S (CRK0319-02) Water Sampled: 11-07-08 08:40 Received: 11-10-08 09:40									
Aluminum	**390**	100	µg/L	5	CR09478	11-11-08	11-12-08	EPA 200.8	
Arsenic	ND	5.0	"	1	"	"	"	"	
Copper	ND	2.0	"	"	"	"	"	"	
Iron	**400**	250	"	5	"	"	"	"	
Zinc	**3.1**	2.0	"	1	"	"	"	"	
Cadmium	ND	0.50	"	"	"	"	"	"	
WM-3 DC-D/S (CRK0319-03) Water Sampled: 11-07-08 08:53 Received: 11-10-08 09:40									
Aluminum	**110**	20	µg/L	1	CR09478	11-11-08	11-12-08	EPA 200.8	
Arsenic	ND	5.0	"	"	"	"	"	"	
Copper	**50**	2.0	"	"	"	"	"	"	
Iron	**290**	100	"	2	"	"	"	"	
Zinc	**8.2**	2.0	"	1	"	"	"	"	
Cadmium	ND	0.50	"	"	"	"	"	"	
WM-2 DC-U/S (CRK0319-04) Water Sampled: 11-07-08 09:25 Received: 11-10-08 09:40									
Aluminum	ND	20	µg/L	1	CR09478	11-11-08	11-12-08	EPA 200.8	
Arsenic	ND	5.0	"	"	"	"	"	"	
Copper	ND	2.0	"	"	"	"	"	"	
Iron	ND	50	"	"	"	"	"	"	
Zinc	**2.6**	2.0	"	"	"	"	"	"	
Cadmium	ND	0.50	"	"	"	"	"	"	
WM-19 Pond (CRK0319-05) Water Sampled: 11-07-08 10:45 Received: 11-10-08 09:40									
Aluminum	ND	20	µg/L	1	CR09478	11-11-08	11-12-08	EPA 200.8	
Arsenic	ND	5.0	"	"	"	"	"	"	
Copper	**790**	10	"	5	"	"	"	"	
Iron	ND	50	"	1	"	"	"	"	

California Laboratory Services

11-21-08 08:03

CRWQCB - Sacramento	Project: Walker Mine	
11020 Sun Center Drive, Ste. 200	Project Number: PCA 13180	**CLS Work Order #: CRK0319**
Rancho Cordova CA, 95670-6114	Project Manager: Jeff Huggins	COC #: 94810,13

Metals (Dissolved) by EPA 200 Series Methods

Analyte	Result	Reporting Limit	Units	Dilution	Batch	Prepared	Analyzed	Method	Notes
WM-19 Pond (CRK0319-05) Water Sampled: 11-07-08 10:45 Received: 11-10-08 09:40									
Zinc	**91**	2.0	µg/L	1	CR09478	"	11-12-08	EPA 200.8	
Cadmium	**0.57**	0.50	"	"	"	"	"	"	
WM-4 48" Culvert (CRK0319-06) Water Sampled: 11-07-08 11:00 Received: 11-10-08 09:40									
Aluminum	**93**	20	µg/L	1	CR09478	11-11-08	11-12-08	EPA 200.8	
Arsenic	ND	5.0	"	"	"	"	"	"	
Copper	**40**	2.0	"	"	"	"	"	"	
Iron	**280**	100	"	2	"	"	"	"	
Zinc	**7.1**	2.0	"	1	"	"	"	"	
Cadmium	ND	0.50	"	"	"	"	"	"	
WM-9 Browns Cabin (CRK0319-07) Water Sampled: 11-07-08 11:20 Received: 11-10-08 09:40									
Aluminum	**93**	20	µg/L	1	CR09478	11-11-08	11-12-08	EPA 200.8	
Arsenic	ND	5.0	"	"	"	"	"	"	
Copper	**12**	2.0	"	"	"	"	"	"	
Iron	**520**	250	"	5	"	"	"	"	
Zinc	**3.6**	2.0	"	1	"	"	"	"	
Cadmium	ND	0.50	"	"	"	"	"	"	
WM-8 LGC Below DC (CRK0319-08) Water Sampled: 11-07-08 11:35 Received: 11-10-08 09:40									
Aluminum	**100**	20	µg/L	1	CR09478	11-11-08	11-12-08	EPA 200.8	
Arsenic	ND	5.0	"	"	"	"	"	"	
Copper	**9.3**	2.0	"	"	"	"	"	"	
Iron	**560**	250	"	5	"	"	"	"	
Zinc	**2.9**	2.0	"	1	"	"	"	"	
Cadmium	ND	0.50	"	"	"	"	"	"	
WM-7 LGC Above DC (CRK0319-09) Water Sampled: 11-07-08 11:45 Received: 11-10-08 09:40									
Aluminum	**110**	20	µg/L	1	CR09478	11-11-08	11-12-08	EPA 200.8	
Arsenic	ND	5.0	"	"	"	"	"	"	
Copper	**8.2**	2.0	"	"	"	"	"	"	
Iron	**560**	250	"	5	"	"	"	"	
Zinc	**3.5**	2.0	"	1	"	"	"	"	
Cadmium	ND	0.50	"	"	"	"	"	"	
WM-6 USFS Dam (CRK0319-10) Water Sampled: 11-07-08 11:50 Received: 11-10-08 09:40									

CALIFORNIA LABORATORY SERVICES

11-21-08 08:03

CRWQCB - Sacramento	Project: Walker Mine	
11020 Sun Center Drive, Ste. 200	Project Number: PCA 13180	**CLS Work Order #: CRK0319**
Rancho Cordova CA, 95670-6114	Project Manager: Jeff Huggins	COC #: 94810,13

Metals (Dissolved) by EPA 200 Series Methods

Analyte	Result	Reporting Limit	Units	Dilution	Batch	Prepared	Analyzed	Method	Notes
WM-6 USFS Dam (CRK0319-10) Water	**Sampled: 11-07-08 11:50**		**Received: 11-10-08 09:40**						
Aluminum	ND	20	µg/L	1	CR09478	11-11-08	11-12-08	EPA 200.8	
Arsenic	ND	5.0	"	"	"	"	"	"	
Copper	**30**	2.0	"	"	"	"	"	"	
Iron	**370**	100	"	2	"	"	"	"	
Zinc	**6.7**	2.0	"	1	"	"	"	"	
Cadmium	ND	0.50	"	"	"	"	"	"	
WM-7B (CRK0319-11) Water	**Sampled: 11-07-08 12:05**		**Received: 11-10-08 09:40**						
Aluminum	**71**	20	µg/L	1	CR09478	11-11-08	11-12-08	EPA 200.8	
Arsenic	ND	5.0	"	"	"	"	"	"	
Copper	**34**	2.0	"	"	"	"	"	"	
Iron	**460**	250	"	5	"	"	"	"	
Zinc	**5.1**	2.0	"	1	"	"	"	"	
Cadmium	ND	0.50	"	"	"	"	"	"	
WM-7C (CRK0319-12) Water	**Sampled: 11-07-08 12:10**		**Received: 11-10-08 09:40**						
Aluminum	**160**	20	µg/L	1	CR09478	11-11-08	11-12-08	EPA 200.8	
Arsenic	ND	5.0	"	"	"	"	"	"	
Copper	ND	2.0	"	"	"	"	"	"	
Iron	**580**	250	"	5	"	"	"	"	
Zinc	**3.2**	2.0	"	1	"	"	"	"	
Cadmium	ND	0.50	"	"	"	"	"	"	
WM-7A (CRK0319-13) Water	**Sampled: 11-07-08 12:30**		**Received: 11-10-08 09:40**						
Aluminum	**73**	20	µg/L	1	CR09478	11-11-08	11-12-08	EPA 200.8	
Arsenic	ND	5.0	"	"	"	"	"	"	
Copper	**43**	2.0	"	"	"	"	"	"	
Iron	**540**	250	"	5	"	"	"	"	
Zinc	**7.3**	2.0	"	1	"	"	"	"	
Cadmium	ND	0.50	"	"	"	"	"	"	
WM-12 MBWC (CRK0319-14) Water	**Sampled: 11-07-08 13:40**		**Received: 11-10-08 09:40**						
Aluminum	**47**	20	µg/L	1	CR09478	11-11-08	11-12-08	EPA 200.8	
Arsenic	ND	5.0	"	"	"	"	"	"	
Copper	**5.2**	2.0	"	"	"	"	"	"	
Iron	ND	50	"	"	"	"	"	"	

CALIFORNIA LABORATORY SERVICES

11-21-08 08:03

CRWQCB - Sacramento	Project: Walker Mine	
11020 Sun Center Drive, Ste. 200	Project Number: PCA 13180	**CLS Work Order #: CRK0319**
Rancho Cordova CA, 95670-6114	Project Manager: Jeff Huggins	COC #: 94810,13

Metals (Dissolved) by EPA 200 Series Methods

Analyte	Result	Reporting Limit	Units	Dilution	Batch	Prepared	Analyzed	Method	Notes
WM-12 MBWC (CRK0319-14) Water	**Sampled: 11-07-08 13:40**		**Received: 11-10-08 09:40**						
Zinc	**3.7**	2.0	µg/L	1	CR09478	"	11-12-08	EPA 200.8	
Cadmium	ND	0.50	"	"	"	"	"	"	
WM-13 Nye Creek (CRK0319-15) Water	**Sampled: 11-07-08 13:50**		**Received: 11-10-08 09:40**						
Aluminum	ND	20	µg/L	1	CR09478	11-11-08	11-12-08	EPA 200.8	
Arsenic	ND	5.0	"	"	"	"	"	"	
Copper	ND	2.0	"	"	"	"	"	"	
Iron	ND	50	"	"	"	"	"	"	
Zinc	**3.2**	2.0	"	"	"	"	"	"	
Cadmium	ND	0.50	"	"	"	"	"	"	
WM-17 NBWC (CRK0319-16) Water	**Sampled: 11-07-08 14:00**		**Received: 11-10-08 09:40**						
Aluminum	ND	20	µg/L	1	CR09478	11-11-08	11-12-08	EPA 200.8	
Arsenic	ND	5.0	"	"	"	"	"	"	
Copper	ND	2.0	"	"	"	"	"	"	
Iron	ND	50	"	"	"	"	"	"	
Zinc	**2.1**	2.0	"	"	"	"	"	"	
Cadmium	ND	0.50	"	"	"	"	"	"	

CALIFORNIA LABORATORY SERVICES

11-21-08 08:03

CRWQCB - Sacramento	Project: Walker Mine	
11020 Sun Center Drive, Ste. 200	Project Number: PCA 13180	**CLS Work Order #: CRK0319**
Rancho Cordova CA, 95670-6114	Project Manager: Jeff Huggins	COC #: 94810,13

Conventional Chemistry Parameters by APHA/EPA Methods - Quality Control

Analyte	Result	Reporting Limit	Units	Spike Level	Source Result	%REC	%REC Limits	RPD	RPD Limit	Notes
Batch CR09454 - General Preparation										
Blank (CR09454-BLK1)				Prepared & Analyzed: 11-10-08						
Hexavalent Chromium	ND	10	µg/L							
Hexavalent Chromium, Dissolved	ND	10	"							
LCS (CR09454-BS1)				Prepared & Analyzed: 11-10-08						
Hexavalent Chromium	275	10	µg/L	250		110	85-115			
Hexavalent Chromium, Dissolved	275	10	"	250		110	80-120			
LCS Dup (CR09454-BSD1)				Prepared & Analyzed: 11-10-08						
Hexavalent Chromium	285	10	µg/L	250		114	85-115	3	20	
Hexavalent Chromium, Dissolved	285	10	"	250		114	80-120	3	20	
Matrix Spike (CR09454-MS1)		**Source: CRK0319-01**		Prepared & Analyzed: 11-10-08						
Hexavalent Chromium	274	10	µg/L	250	ND	110	85-115			
Hexavalent Chromium, Dissolved	274	10	"	250	ND	110	80-120			
Matrix Spike Dup (CR09454-MSD1)		**Source: CRK0319-01**		Prepared & Analyzed: 11-10-08						
Hexavalent Chromium	274	10	µg/L	250	ND	110	85-115	0	20	
Hexavalent Chromium, Dissolved	274	10	"	250	ND	110	80-120	0	20	
Batch CR09457 - General Preparation										
Blank (CR09457-BLK1)				Prepared & Analyzed: 11-10-08						
Specific Conductance (EC)	ND	1.0	µmhos/cm							
Batch CR09470 - General Prep										
Blank (CR09470-BLK1)				Prepared & Analyzed: 11-11-08						
Sulfate as SO4	ND	0.50	mg/L							
Chloride	ND	0.50	"							

CALIFORNIA LABORATORY SERVICES

11-21-08 08:03

CRWQCB - Sacramento	Project: Walker Mine	
11020 Sun Center Drive, Ste. 200	Project Number: PCA 13180	**CLS Work Order #: CRK0319**
Rancho Cordova CA, 95670-6114	Project Manager: Jeff Huggins	COC #: 94810,13

Conventional Chemistry Parameters by APHA/EPA Methods - Quality Control

Analyte	Result	Reporting Limit	Units	Spike Level	Source Result	%REC	%REC Limits	RPD	RPD Limit	Notes
Batch CR09470 - General Prep										
LCS (CR09470-BS1)				Prepared & Analyzed: 11-11-08						
Sulfate as SO4	5.28	0.50	mg/L	5.00		106	80-120			
Chloride	1.97	0.50	"	2.00		99	80-120			
LCS Dup (CR09470-BSD1)				Prepared & Analyzed: 11-11-08						
Chloride	1.97	0.50	mg/L	2.00		99	80-120	0.2	20	
Sulfate as SO4	5.18	0.50	"	5.00		104	80-120	2	20	
Matrix Spike (CR09470-MS1)		Source: CRK0322-01		Prepared & Analyzed: 11-11-08						
Chloride	48.5	0.50	mg/L	2.00	48.9	NR	75-125			QM-4X
Sulfate as SO4	43.5	0.50	"	5.00	39.7	75	75-125			
Matrix Spike Dup (CR09470-MSD1)		Source: CRK0322-01		Prepared & Analyzed: 11-11-08						
Chloride	48.4	0.50	mg/L	2.00	48.9	NR	75-125	0.2	25	QM-4X
Sulfate as SO4	43.7	0.50	"	5.00	39.7	80	75-125	0.6	25	
Batch CR09491 - General Preparation										
Blank (CR09491-BLK1)				Prepared: 11-11-08 Analyzed: 11-13-08						
Total Dissolved Solids	ND	10	mg/L							
Duplicate (CR09491-DUP1)		Source: CRK0326-03		Prepared: 11-11-08 Analyzed: 11-13-08						
Total Dissolved Solids	566	10	mg/L		566			0	20	
Batch CR09493 - General Preparation										
Blank (CR09493-BLK1)				Prepared & Analyzed: 11-11-08						
Methylene Blue Active Substances	ND	0.10	mg/L							

CALIFORNIA LABORATORY SERVICES

11-21-08 08:03

CRWQCB - Sacramento	Project: Walker Mine	
11020 Sun Center Drive, Ste. 200	Project Number: PCA 13180	**CLS Work Order #: CRK0319**
Rancho Cordova CA, 95670-6114	Project Manager: Jeff Huggins	COC #: 94810,13

Conventional Chemistry Parameters by APHA/EPA Methods - Quality Control

Analyte	Result	Reporting Limit	Units	Spike Level	Source Result	%REC	%REC Limits	RPD	RPD Limit	Notes
Batch CR09493 - General Preparation										
LCS (CR09493-BS1)				Prepared & Analyzed: 11-11-08						
Methylene Blue Active Substances	0.489	0.10	mg/L	0.500		98	80-120			
LCS Dup (CR09493-BSD1)				Prepared & Analyzed: 11-11-08						
Methylene Blue Active Substances	0.498	0.10	mg/L	0.500		100	80-120	2	20	
Matrix Spike (CR09493-MS1)		Source: CRK0333-01		Prepared & Analyzed: 11-11-08						
Methylene Blue Active Substances	0.503	0.10	mg/L	0.500	ND	101	75-125			
Matrix Spike Dup (CR09493-MSD1)		Source: CRK0333-01		Prepared & Analyzed: 11-11-08						
Methylene Blue Active Substances	0.499	0.10	mg/L	0.500	ND	100	75-125	0.8	25	
Batch CR09496 - General Preparation										
Blank (CR09496-BLK1)				Prepared & Analyzed: 11-11-08						
Total Alkalinity	ND	5.0	mg/L							
Bicarbonate as CaCO3	ND	5.0	"							
Carbonate as CaCO3	ND	5.0	"							
Hydroxide as CaCO3	ND	5.0	"							
Duplicate (CR09496-DUP1)		Source: CRK0319-08		Prepared & Analyzed: 11-11-08						
Total Alkalinity	62.2	5.0	mg/L		61.8			0.6	20	
Bicarbonate as CaCO3	62.2	5.0	"		61.8			0.6	20	
Carbonate as CaCO3	ND	5.0	"		ND				20	
Hydroxide as CaCO3	ND	5.0	"		ND				20	
Batch CR09505 - 6010A/No Digestion										
Blank (CR09505-BLK1)				Prepared: 11-11-08 Analyzed: 11-12-08						
Calcium	ND	1.0	mg/L							
Magnesium	ND	1.0	"							
Potassium	ND	1.0	"							
Sodium	ND	1.0	"							
Hardness as CaCO3	ND	1.0	"							

CALIFORNIA LABORATORY SERVICES

11-21-08 08:03

CRWQCB - Sacramento	Project: Walker Mine	
11020 Sun Center Drive, Ste. 200	Project Number: PCA 13180	**CLS Work Order #: CRK0319**
Rancho Cordova CA, 95670-6114	Project Manager: Jeff Huggins	COC #: 94810,13

Conventional Chemistry Parameters by APHA/EPA Methods - Quality Control

Analyte	Result	Reporting Limit	Units	Spike Level	Source Result	%REC	%REC Limits	RPD	RPD Limit	Notes
Batch CR09505 - 6010A/No Digestion										
LCS (CR09505-BS1)				Prepared: 11-11-08 Analyzed: 11-12-08						
Calcium	9.36	1.0	mg/L	10.0		94	80-120			
Magnesium	9.11	1.0	"	10.0		91	80-120			
Potassium	9.35	1.0	"	10.0		93	80-120			
Sodium	9.28	1.0	"	10.0		93	80-120			
LCS Dup (CR09505-BSD1)				Prepared: 11-11-08 Analyzed: 11-12-08						
Calcium	9.49	1.0	mg/L	10.0		95	80-120	1	20	
Magnesium	9.24	1.0	"	10.0		92	80-120	1	20	
Potassium	9.55	1.0	"	10.0		96	80-120	2	20	
Sodium	9.41	1.0	"	10.0		94	80-120	1	20	
Matrix Spike (CR09505-MS1)		Source: CRK0237-01		Prepared: 11-11-08 Analyzed: 11-12-08						
Calcium	198	1.0	mg/L	10.0	198	1	75-125			QM-4X
Magnesium	69.5	1.0	"	10.0	63.7	58	75-125			QM-4X
Potassium	12.3	1.0	"	10.0	3.21	90	75-125			
Sodium	89.8	1.0	"	10.0	85.2	47	75-125			QM-4X
Matrix Spike Dup (CR09505-MSD1)		Source: CRK0237-01		Prepared: 11-11-08 Analyzed: 11-12-08						
Calcium	202	1.0	mg/L	10.0	198	42	75-125	2	25	QM-4X
Magnesium	71.5	1.0	"	10.0	63.7	78	75-125	3	25	
Potassium	13.0	1.0	"	10.0	3.21	98	75-125	6	25	
Sodium	93.2	1.0	"	10.0	85.2	81	75-125	4	25	
Batch CR09658 - 6010A/No Digestion										
Blank (CR09658-BLK1)				Prepared: 11-17-08 Analyzed: 11-18-08						
Calcium	ND	1.0	mg/L							
Magnesium	ND	1.0	"							
Potassium	ND	1.0	"							
Sodium	ND	1.0	"							
Hardness as CaCO3	ND	1.0	"							

CALIFORNIA LABORATORY SERVICES

11-21-08 08:03

CRWQCB - Sacramento	Project: Walker Mine	
11020 Sun Center Drive, Ste. 200	Project Number: PCA 13180	**CLS Work Order #: CRK0319**
Rancho Cordova CA, 95670-6114	Project Manager: Jeff Huggins	COC #: 94810,13

Conventional Chemistry Parameters by APHA/EPA Methods - Quality Control

Analyte	Result	Reporting Limit	Units	Spike Level	Source Result	%REC	%REC Limits	RPD	RPD Limit	Notes
Batch CR09658 - 6010A/No Digestion										
LCS (CR09658-BS1)				Prepared: 11-17-08 Analyzed: 11-18-08						
Calcium	9.18	1.0	mg/L	10.0		92	80-120			
Magnesium	8.85	1.0	"	10.0		88	80-120			
Potassium	9.30	1.0	"	10.0		93	80-120			
Sodium	9.09	1.0	"	10.0		91	80-120			
LCS Dup (CR09658-BSD1)				Prepared: 11-17-08 Analyzed: 11-18-08						
Calcium	9.25	1.0	mg/L	10.0		93	80-120	0.8	20	
Magnesium	8.90	1.0	"	10.0		89	80-120	0.6	20	
Potassium	9.47	1.0	"	10.0		95	80-120	2	20	
Sodium	9.17	1.0	"	10.0		92	80-120	0.9	20	
Matrix Spike (CR09658-MS1)		**Source: CRK0325-01**		Prepared: 11-17-08 Analyzed: 11-18-08						
Calcium	82.0	1.0	mg/L	10.0	74.9	70	75-125			QM-4X
Magnesium	172	1.0	"	10.0	170	20	75-125			QM-4X
Potassium	42.3	1.0	"	10.0	35.0	73	75-125			QM-7
Sodium	127	1.0	"	10.0	122	48	75-125			QM-4X
Matrix Spike Dup (CR09658-MSD1)		**Source: CRK0325-01**		Prepared: 11-17-08 Analyzed: 11-18-08						
Calcium	81.0	1.0	mg/L	10.0	74.9	61	75-125	1	25	QM-4X
Magnesium	170	1.0	"	10.0	170	0	75-125	1	25	QM-4X
Potassium	41.7	1.0	"	10.0	35.0	67	75-125	1	25	QM-7
Sodium	126	1.0	"	10.0	122	34	75-125	1	25	QM-4X

CALIFORNIA LABORATORY SERVICES

11-21-08 08:03

CRWQCB - Sacramento	Project: Walker Mine	
11020 Sun Center Drive, Ste. 200	Project Number: PCA 13180	**CLS Work Order #: CRK0319**
Rancho Cordova CA, 95670-6114	Project Manager: Jeff Huggins	COC #: 94810,13

Metals by EPA 200 Series Methods - Quality Control

Analyte	Result	Reporting Limit	Units	Spike Level	Source Result	%REC	%REC Limits	RPD	RPD Limit	Notes
Batch CR09497 - EPA 3020A										
Blank (CR09497-BLK1)				Prepared: 11-11-08 Analyzed: 11-12-08						
Aluminum	ND	20	µg/L							
Arsenic	ND	2.0	"							
Copper	ND	1.0	"							
Iron	ND	50	"							
Zinc	ND	2.0	"							
Cadmium	ND	0.50	"							
LCS (CR09497-BS1)				Prepared: 11-11-08 Analyzed: 11-12-08						
Aluminum	106	20	µg/L	100		106	80-120			
Arsenic	104	2.0	"	100		104	80-120			
Copper	102	1.0	"	100		102	80-120			
Iron	89.1	50	"	100		89	80-120			
Zinc	102	2.0	"	100		102	80-120			
Cadmium	10.5	0.50	"	10.0		105	80-120			
LCS Dup (CR09497-BSD1)				Prepared: 11-11-08 Analyzed: 11-12-08						
Aluminum	110	20	µg/L	100		110	80-120	3	20	
Arsenic	104	2.0	"	100		104	80-120	0.5	20	
Copper	104	1.0	"	100		104	80-120	2	20	
Iron	100	50	"	100		100	80-120	12	20	
Zinc	106	2.0	"	100		106	80-120	4	20	
Cadmium	10.9	0.50	"	10.0		109	80-120	4	20	
Matrix Spike (CR09497-MS1)		**Source: CRK0319-01**		Prepared: 11-11-08 Analyzed: 11-12-08						
Aluminum	113	20	µg/L	100	ND	113	75-125			
Arsenic	116	2.0	"	100	10.3	105	75-125			
Copper	196	1.0	"	100	97.4	99	75-125			
Iron	146	50	"	100	ND	146	75-125			QM-7
Zinc	121	2.0	"	100	22.7	99	75-125			
Cadmium	10.8	0.50	"	10.0	ND	108	75-125			

CALIFORNIA LABORATORY SERVICES

11-21-08 08:03

CRWQCB - Sacramento	Project: Walker Mine	
11020 Sun Center Drive, Ste. 200	Project Number: PCA 13180	**CLS Work Order #: CRK0319**
Rancho Cordova CA, 95670-6114	Project Manager: Jeff Huggins	COC #: 94810,13

Metals by EPA 200 Series Methods - Quality Control

Analyte	Result	Reporting Limit	Units	Spike Level	Source Result	%REC	%REC Limits	RPD	RPD Limit	Notes
Batch CR09497 - EPA 3020A										
Matrix Spike Dup (CR09497-MSD1)	**Source: CRK0319-01**			Prepared: 11-11-08 Analyzed: 11-12-08						
Aluminum	111	20	µg/L	100	ND	111	75-125	2	25	
Arsenic	113	2.0	"	100	10.3	103	75-125	2	25	
Copper	192	1.0	"	100	97.4	94	75-125	2	25	
Iron	178	50	"	100	ND	178	75-125	19	25	QM-7
Zinc	116	2.0	"	100	22.7	93	75-125	5	25	
Cadmium	10.5	0.50	"	10.0	ND	105	75-125	3	25	

CALIFORNIA LABORATORY SERVICES

11-21-08 08:03

CRWQCB - Sacramento	Project: Walker Mine	
11020 Sun Center Drive, Ste. 200	Project Number: PCA 13180	**CLS Work Order #: CRK0319**
Rancho Cordova CA, 95670-6114	Project Manager: Jeff Huggins	COC #: 94810,13

Metals (Dissolved) by EPA 200 Series Methods - Quality Control

Analyte	Result	Reporting Limit	Units	Spike Level	Source Result	%REC	%REC Limits	RPD	RPD Limit	Notes
Batch CR09478 - EPA 3020A										
Blank (CR09478-BLK1)				Prepared: 11-11-08 Analyzed: 11-12-08						
Aluminum	ND	20	µg/L							
Arsenic	ND	5.0	"							
Copper	ND	2.0	"							
Iron	ND	50	"							
Zinc	ND	2.0	"							
Cadmium	ND	0.50	"							
LCS (CR09478-BS1)				Prepared: 11-11-08 Analyzed: 11-12-08						
Aluminum	113	20	µg/L	100		113	80-120			
Arsenic	107	5.0	"	100		107	80-120			
Copper	109	2.0	"	100		109	80-120			
Iron	129	50	"	100		129	80-120			QM-1
Zinc	104	2.0	"	100		104	80-120			
Cadmium	11.0	0.50	"	10.0		110	80-120			
LCS Dup (CR09478-BSD1)				Prepared: 11-11-08 Analyzed: 11-12-08						
Aluminum	109	20	µg/L	100		109	80-120	4	20	
Arsenic	106	5.0	"	100		106	80-120	1	20	
Copper	107	2.0	"	100		107	80-120	2	20	
Iron	114	50	"	100		114	80-120	13	20	
Zinc	105	2.0	"	100		105	80-120	0.06	20	
Cadmium	10.8	0.50	"	10.0		108	80-120	1	20	
Matrix Spike (CR09478-MS1)		**Source: CRK0319-16**		Prepared: 11-11-08 Analyzed: 11-12-08						
Aluminum	105	20	µg/L	100	ND	105	75-125			
Arsenic	109	5.0	"	100	ND	109	75-125			
Copper	104	2.0	"	100	ND	104	75-125			
Iron	97.1	50	"	100	ND	97	75-125			
Zinc	110	2.0	"	100	2.10	108	75-125			
Cadmium	11.2	0.50	"	10.0	ND	112	75-125			

CALIFORNIA LABORATORY SERVICES

11-21-08 08:03

CRWQCB - Sacramento	Project: Walker Mine	
11020 Sun Center Drive, Ste. 200	Project Number: PCA 13180	**CLS Work Order #: CRK0319**
Rancho Cordova CA, 95670-6114	Project Manager: Jeff Huggins	COC #: 94810,13

Metals (Dissolved) by EPA 200 Series Methods - Quality Control

Analyte	Result	Reporting Limit	Units	Spike Level	Source Result	%REC	%REC Limits	RPD	RPD Limit	Notes
Batch CR09478 - EPA 3020A										
Matrix Spike Dup (CR09478-MSD1)	**Source: CRK0319-16**			Prepared: 11-11-08 Analyzed: 11-12-08						
Aluminum	108	20	µg/L	100	ND	108	75-125	2	25	
Arsenic	108	5.0	"	100	ND	108	75-125	0.6	25	
Copper	101	2.0	"	100	ND	101	75-125	3	25	
Iron	98.0	50	"	100	ND	98	75-125	1	25	
Zinc	104	2.0	"	100	2.10	102	75-125	5	25	
Cadmium	10.9	0.50	"	10.0	ND	109	75-125	3	25	

CALIFORNIA LABORATORY SERVICES

11-21-08 08:03

CRWQCB - Sacramento	Project: Walker Mine	
11020 Sun Center Drive, Ste. 200	Project Number: PCA 13180	**CLS Work Order #: CRK0319**
Rancho Cordova CA, 95670-6114	Project Manager: Jeff Huggins	COC #: 94810,13

Notes and Definitions

QM-7	The spike recovery was outside acceptance limits for the MS and/or MSD. The batch was accepted based on acceptable LCS/LCSD recovery.
QM-4X	The spike recovery was outside of QC acceptance limits for the MS and/or MSD due to analyte concentration at 4 times or greater the spike concentration. The QC batch was accepted based on LCS and/or LCSD recoveries within the acceptance limits.
QM-1	The spike recovery was outside acceptance limits for the LCS or LCSD. The batch was accepted based on acceptable MS/MSD recoveries & RPD's.
QC-2H	The recovery of one CCV was greater than the acceptance limit. However, all analytes in the associated samples were ND; therefore a reanalysis was not performed.
HT-F	This is a field test method and it is performed in the lab outside holding time.
HT-1	The sample was received outside of the EPA recommended holding time.
DET	Analyte DETECTED
ND	Analyte NOT DETECTED at or above the reporting limit
NR	Not Reported
dry	Sample results reported on a dry weight basis
RPD	Relative Percent Difference